

AMENDMENTS TO THE SPECIFICATION

Please amend the Title to read,

“Method and transmitter for Output Signal Accuracy Improvement”.

Please add the following new paragraph after the paragraph ending on line 22 of page 3.

-- Several improvements have been proposed in order to improve the performance of an amplifier in a transmitter with a feedback loop. Application GB 2348062 describes an arrangement for linearizing the output of a transmitter.

Application US2002/193086 shows a transmitter with two parallel feedback branches, which provide feedback in different frequency bands.

Document US2002/158622 discloses a feedback amplifier, in which an additional measurement arrangement is provided to estimate the phase error of the feedback

loop. The measuring arrangement estimates the loop-phase error from the output of the amplifier on the basis of a test signal.

European application EP 598585 describes an automatic calibration procedure for an amplifier with signal feedback. The amplifier comprises a feedback branch with signal strength measurement, which is used for the calibration based on test signals.

However, none of the above documents provides a solution for improving the accuracy of the feedback signal in a simple way.